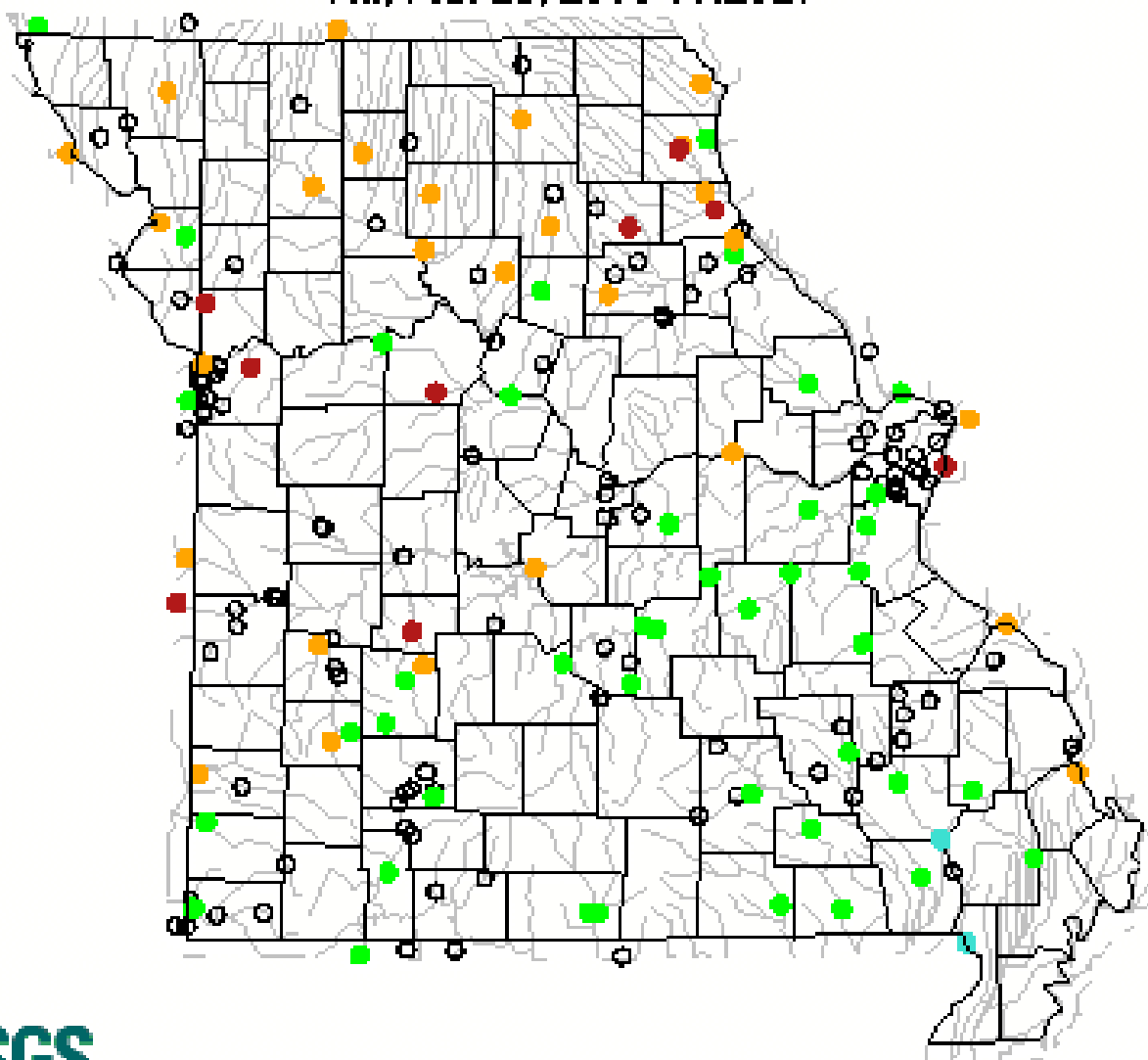


DNR Drought Assessment Committee Meeting Current Conditions March 2003



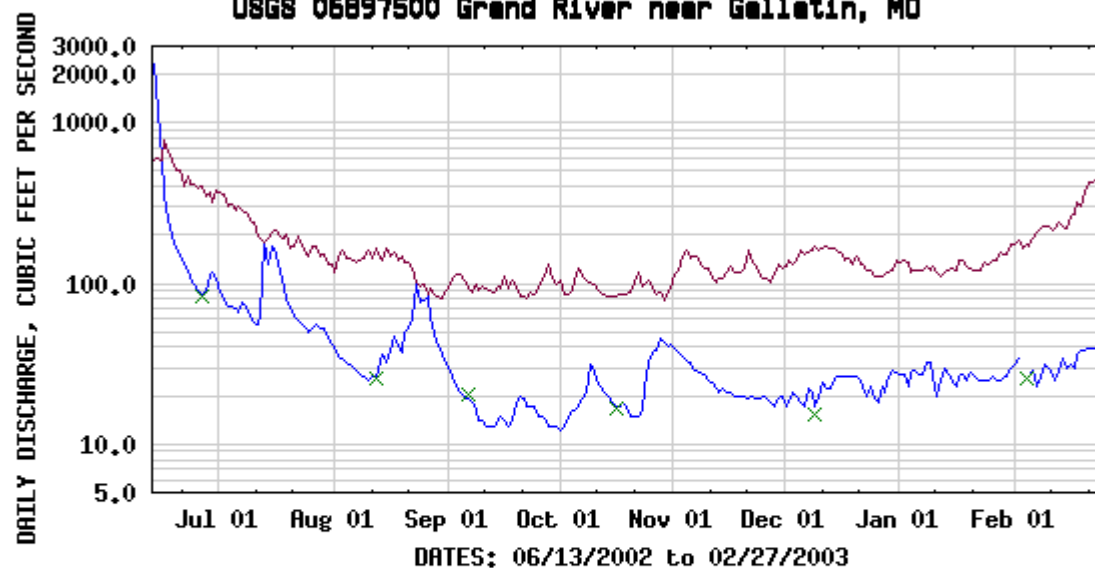
Missouri
Department of
Natural Resources

Fri., Feb. 28, 2003 10:20ET





USGS 06897500 Grand River near Galletin, MO



EXPLANATION

- DAILY MEAN DISCHARGE
- MEDIAN DAILY STREAMFLOW BASED ON 81 YEARS OF RECORD
- × MEASURED DISCHARGE

Provisional Data Subject to Revision

Nodaway /20 acre Watershed

02/03





USGS 06821150 Little Platte River at Smithville, MO



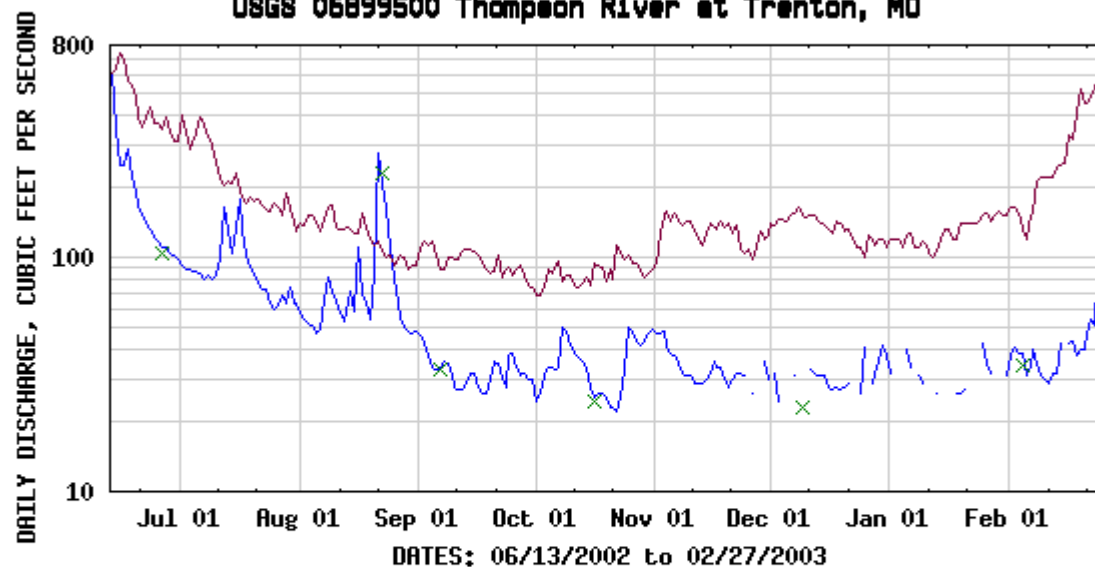
EXPLANATION

- DAILY MEAN DISCHARGE
- MEDIAN DAILY STREAMFLOW BASED ON 36 YEARS OF RECORD
- × MEASURED DISCHARGE

Provisional Data Subject to Revision



USGS 06899500 Thompson River at Trenton, MO



EXPLANATION

- DAILY MEAN DISCHARGE
- MEDIAN DAILY STREAMFLOW BASED ON 73 YEARS OF RECORD
- x MEASURED DISCHARGE

Provisional Data Subject to Revision

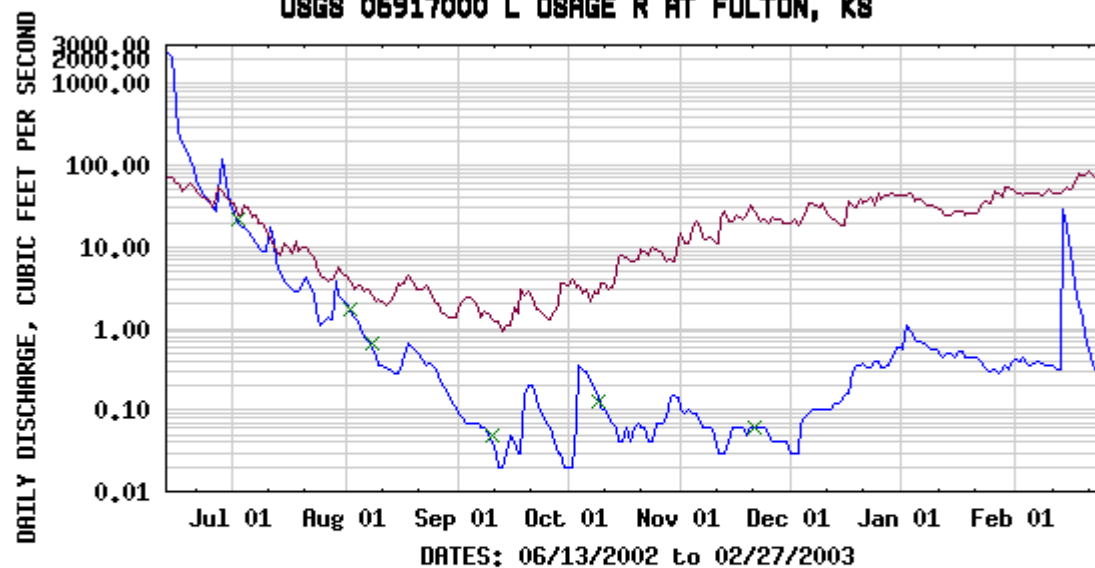
Worth Co. / 3 Acre Watershed

02/03





USGS 06917000 L OSAGE R AT FULTON, KS



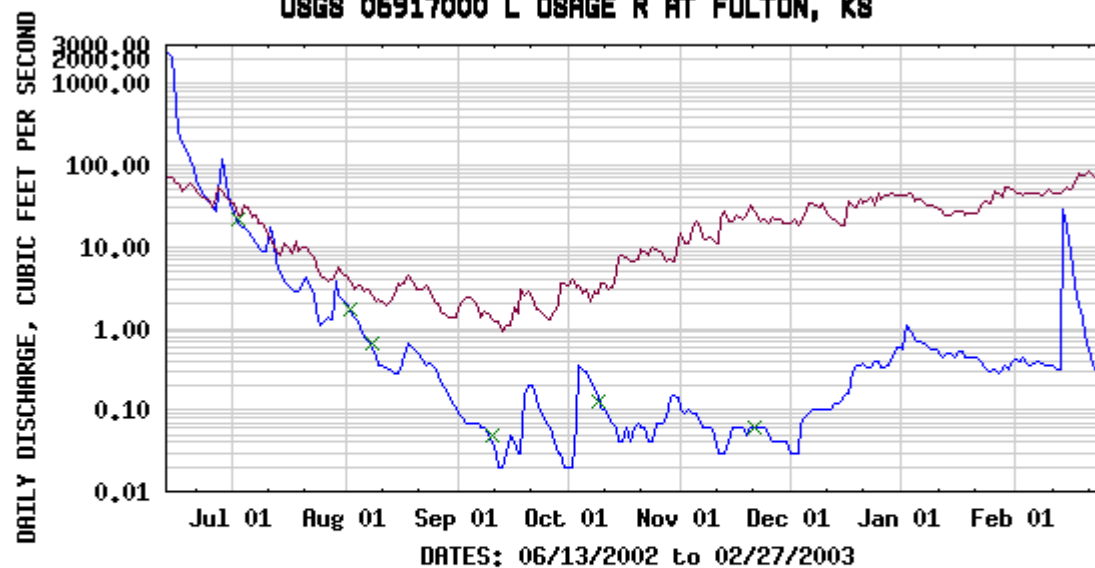
EXPLANATION

- DAILY MEAN DISCHARGE
- MEDIAN DAILY STREAMFLOW BASED ON 52 YEARS OF RECORD
- × MEASURED DISCHARGE

Provisional Data Subject to Revision



USGS 06917000 L OSAGE R AT FULTON, KS



EXPLANATION

- DAILY MEAN DISCHARGE
- MEDIAN DAILY STREAMFLOW BASED ON 52 YEARS OF RECORD
- × MEASURED DISCHARGE

Provisional Data Subject to Revision



USGS 07186000 Spring River near Waco, MO

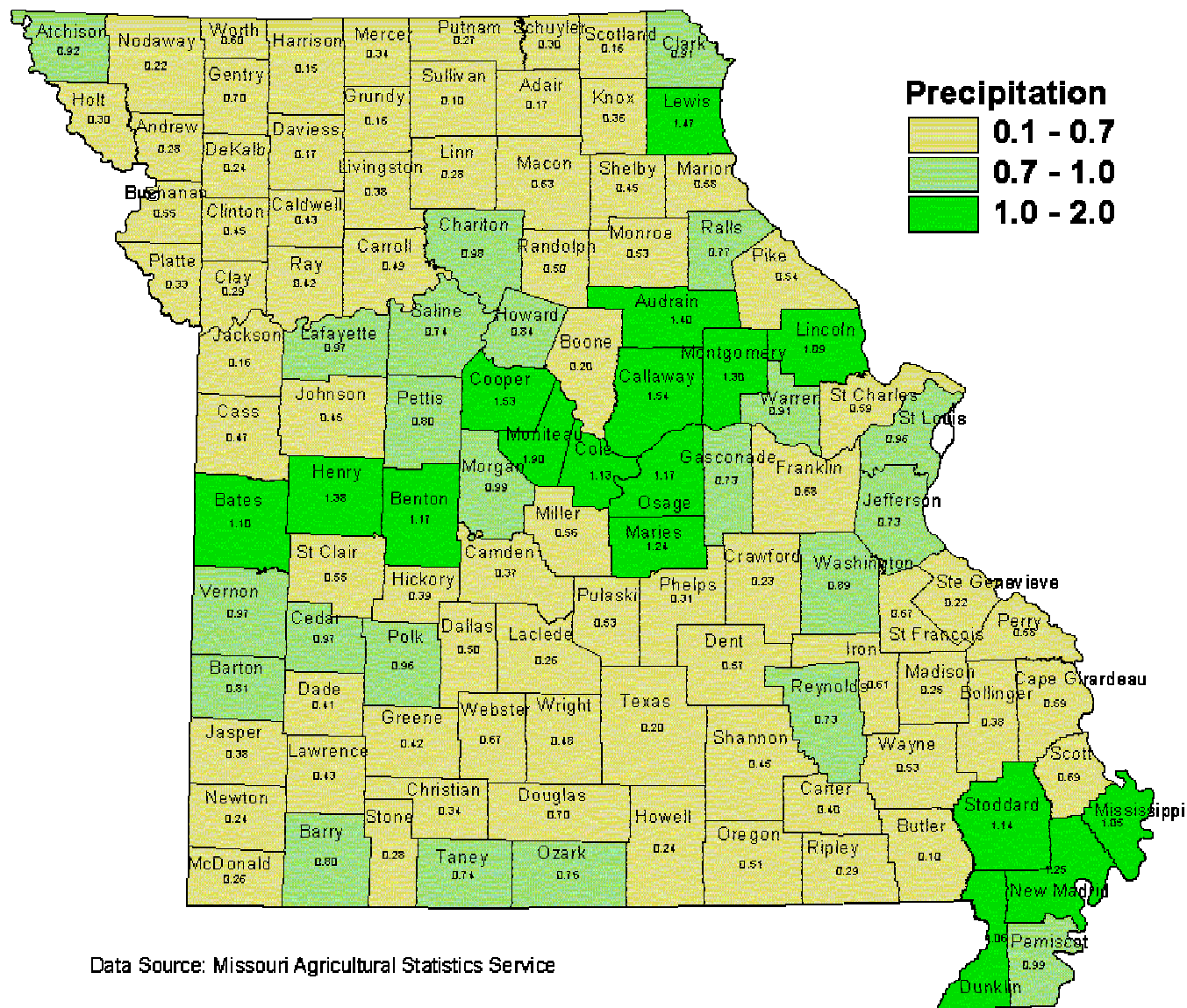


EXPLANATION

- DAILY MEAN DISCHARGE
- MEDIAN DAILY STREAMFLOW BASED ON 77 YEARS OF RECORD
- × MEASURED DISCHARGE

Provisional Data Subject to Revision

Monthly Precipitation by County (Jan.,2003)

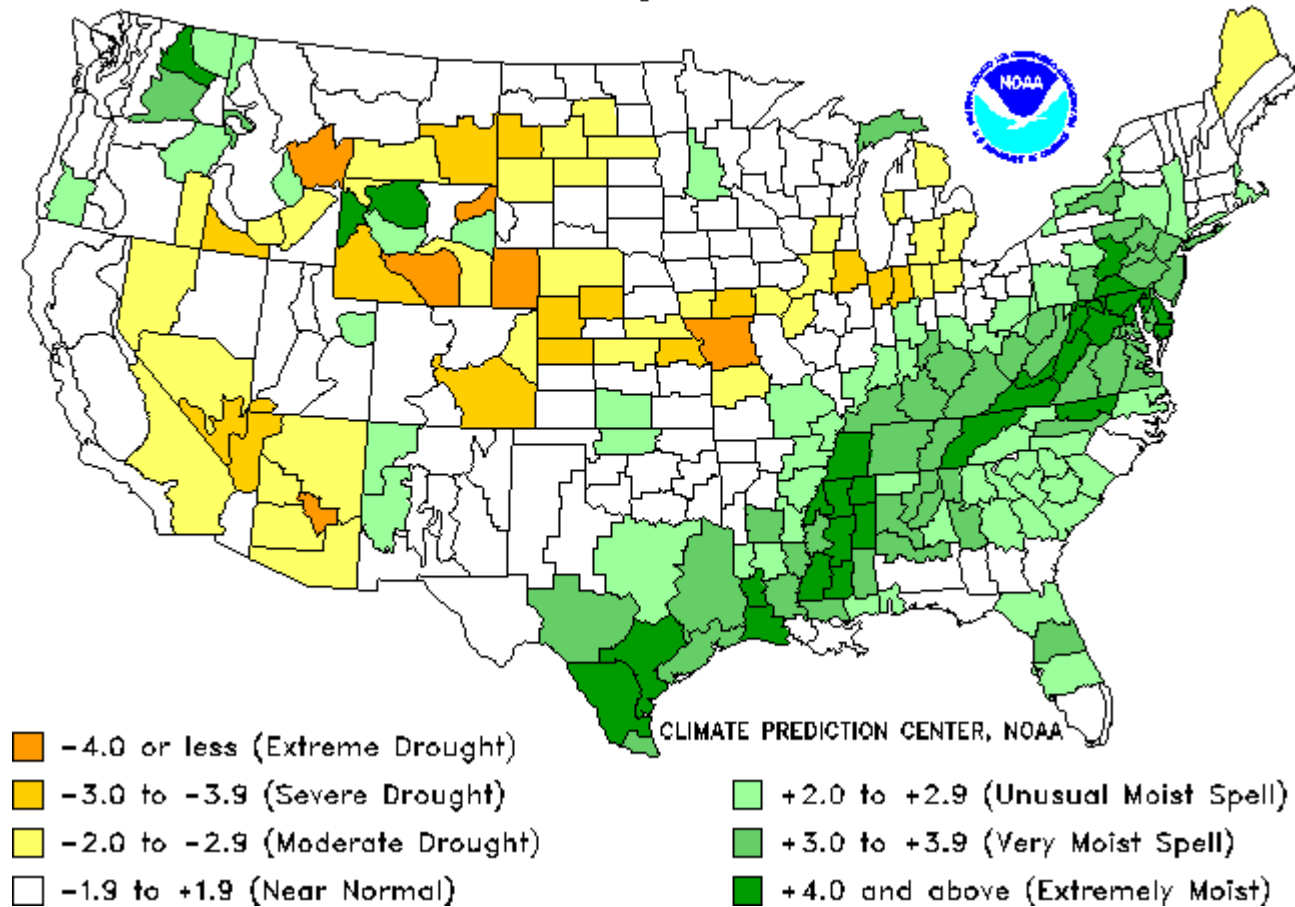


Data Source: Missouri Agricultural Statistics Service

Drought Severity Index by Division

Weekly Value for Period Ending 22 FEB 2003

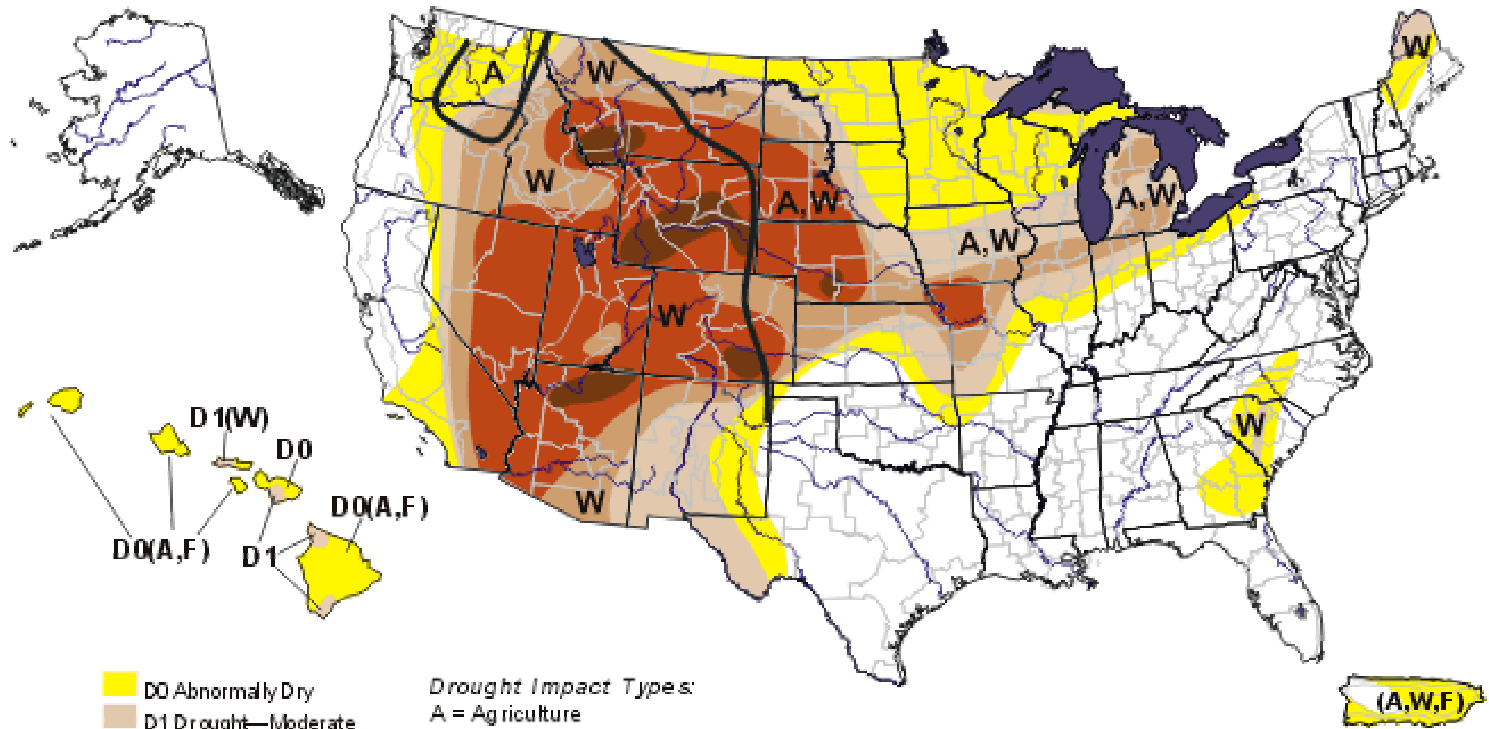
Long Term Palmer



U.S. Drought Monitor

January 28, 2003

Valid 7 a.m. EST



- D0 Abnormally Dry
- D1 Drought—Moderate
- D2 Drought—Severe
- D3 Drought—Extreme
- D4 Drought—Exceptional

Drought Impact Types:

- A = Agriculture
- W = Water (Hydrological)
- F = Fire danger (Wildfires)
- Delineates dominant impacts
- (No type = All 3 impacts)

The Drought Monitor focuses on broad-scale conditions.
Local conditions may vary. See accompanying text summary
for forecast statements.

<http://drought.unl.edu/dm>



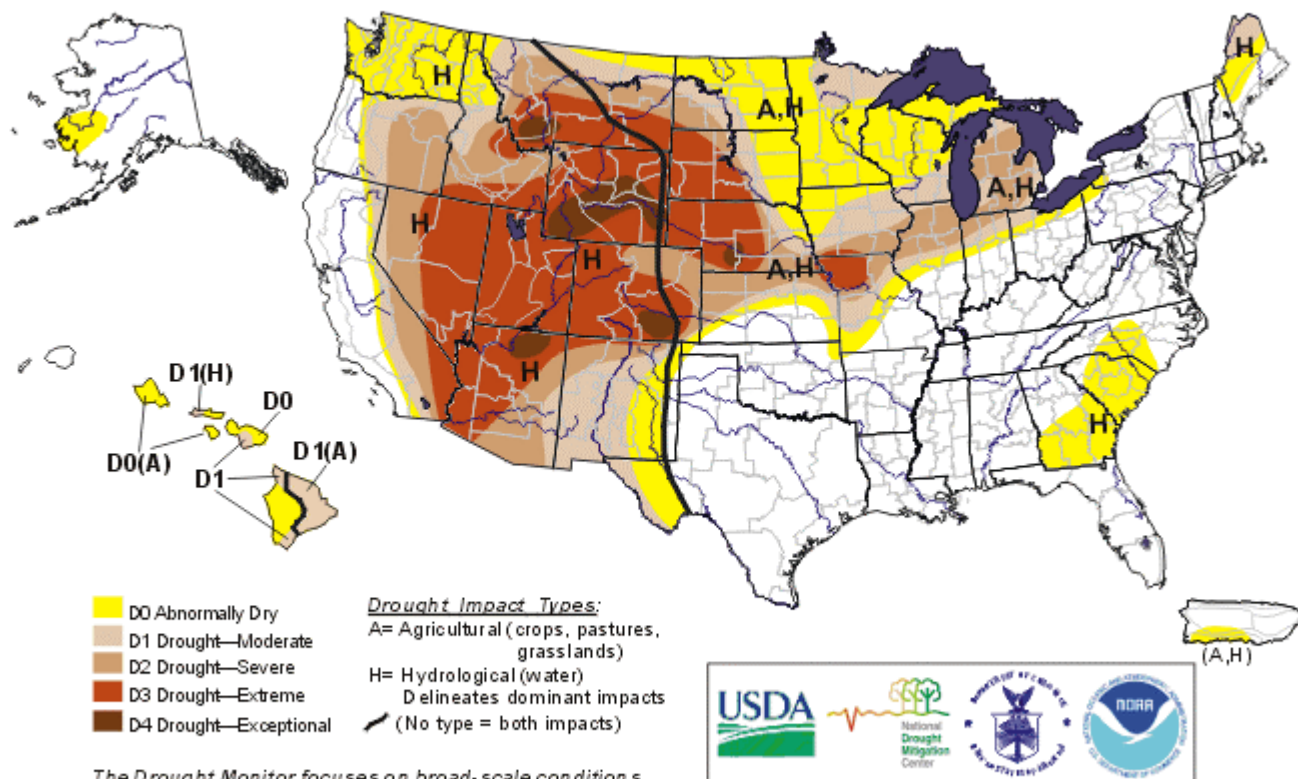
Released Thursday, January 30, 2003

Author: Brad Rippey, USDA

U.S. Drought Monitor

February 25, 2003

Valid 7 a.m. EST

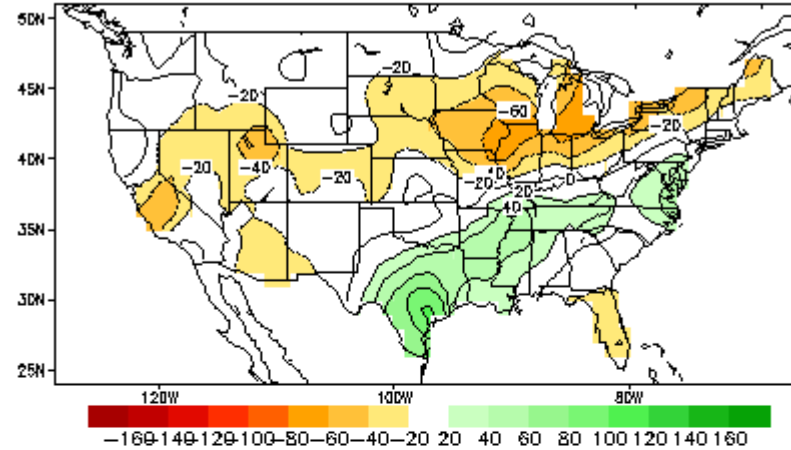


Released Thursday, February 27, 2003

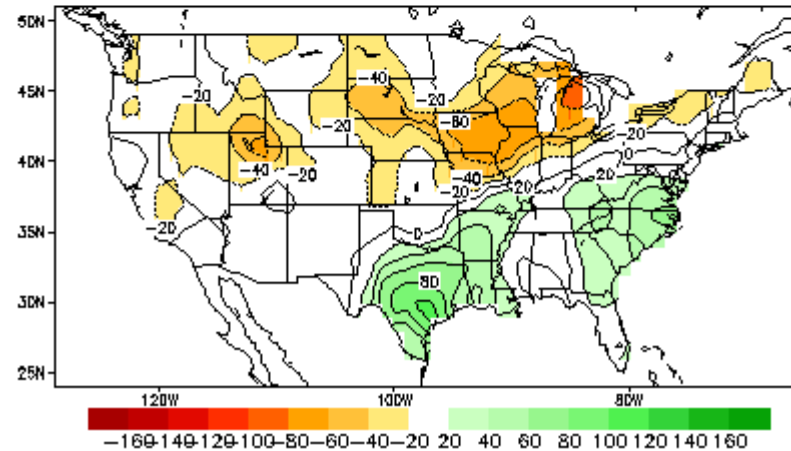
Author: David Miskus, JAWF/PC/NOAA

<http://drought.unl.edu/dm>

Lagged Averaged Soil Moisture Outlook for End of MAR2003
units: anomaly (mm), SM data ending at 20030227



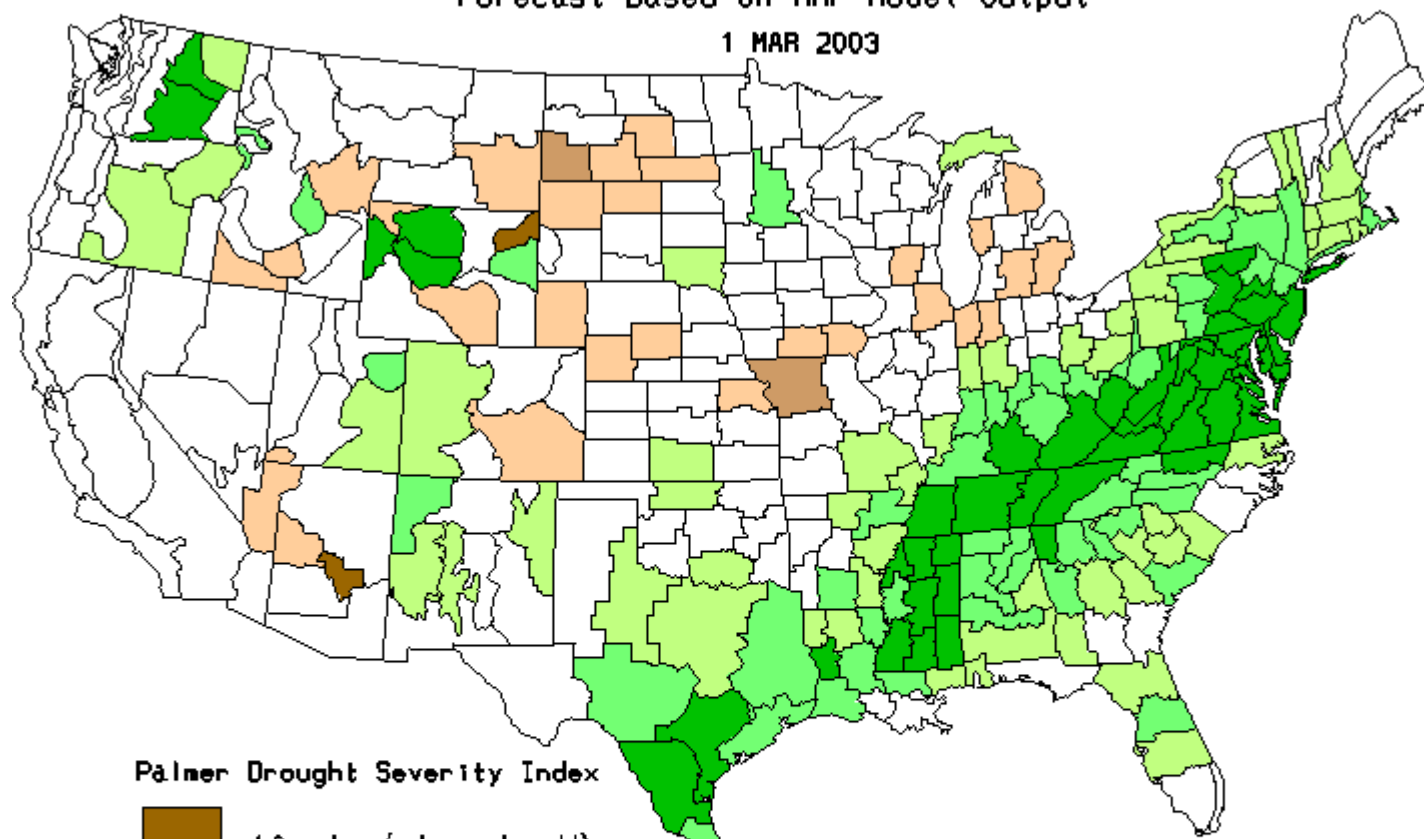
Lagged Averaged Soil Moisture Outlook for End of MAY2003
units:anomaly (mm), SM data ending at 20030227



PALMER DROUGHT INDEX FORECAST BY DIVISION

Forecast Based on MRF Model Output

1 MAR 2003



Palmer Drought Severity Index



-4.0 or less (extreme drought)



-3.0 to -3.9 (severe drought)



-2.0 to -2.9 (moderate drought)



-1.9 to +1.9 (near normal)



+2.0 to +2.9 (unusual moist spell)



+3.0 to +3.9 (very moist spell)



+4.0 and above (extremely moist)



CLIMATE PREDICTION CENTER, NOAA